

ABSTRACT

In a communication system with a first computer and a second computer, the first computer with a first process communicates with a destination on the second computer. The first computer receives destination information indicative of the destination from the first process. The first computer then determines a transport protocol for a message object based on the destination information. The first computer then generates the message object based on the destination information. The first computer receives message information indicative of a message to be transmitted from the first process to the destination. Finally, the first computer transmits the message information from the first process to the destination using the message object and the determined transport protocol. One advantage of determining the transport protocol at run-time is the transport protocol may be determined by an environment variable. This allows the system administrator to alter the transport without recompiling or modifying code.